

## **AGENDA UTILITIES SERVICE BOARD MEETING**

Utilities Service Board Room  
City of Bloomington Utilities Department Administrative Building  
600 E. Miller Dr.  
Bloomington, Indiana 47401

Tom Swafford, President  
Tim Henke, Vice President  
Jeff Ehman  
Julie Roberts  
Pedro Roman  
Jason Banach  
John Whikehart  
Tim Mayer, ex-officio  
Tom Micuda, ex-officio

**Tuesday, May 27, 2008  
5:00 P.M. Regular Meeting**

- I. Call to order
- II. Approval of the claims
- III. Request for approval of funding to purchase audio video equipment for USB meeting room – Mike Hicks
- IV. Request for approval of Change Order No. 2 with Bowen Engineering Corp. for the Blucher Poole WWTP Improvements project – Mike Hicks
- V. Request for approval of Amendment C to the Engineering Services Agreement with Black & Veatch, Corp. for the Blucher Poole WWTP Improvements project – Mike Hicks
- VI. Old business
- VII. New business
- VIII. Subcommittee reports
- IX. Staff reports
- X. Petitions and communications\*
- XI. Adjournment

\* Brief public comment will be limited to 5 minutes per person.

**UTILITIES SERVICE BOARD MOTION  
MEETING ON MAY 27, 2008**

To: Tom Swafford, President  
Dept. Utilities Service Board  
Sub: Claims list filed: 05/21/08  
USB: 05/27/08  
For Period: 04/28/08 - 05/09/08  
G/L Date: 5/30/2008

From: Kim Robertson  
Dept. Accounts Payable  
Date: 05/22/08  
  
**Paydate: 05/30/08**

Utilities Department claims filed with the City Controller May 21, 2008 and signed by the Utilities Service Board for payment May 30, 2008 as in accordance with the Utilities Service Board Resolution of August 7, 1973, be hereby approved and entered into the minutes of today's meeting. A copy of the list is filed, with any exceptions noted, is hereby attached and made a part of these proceedings.

Water Operations & Maintenance	165,235.22
Water Construction	35,980.00
Water Meter Deposit	0.00
Water Sinking	0.00
Water Hydrant Meter Rental	850.00

Total of Water Utilities as per the claims list:	<u><u>\$202,065.22</u></u>
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Wastewater Operations & Maintenance	134,991.45
Wastewater Construction	0.00
Wastewater Sinking	0.00

Total of Wastewater Utilities as per the claims list:	<u><u>\$134,991.45</u></u>
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Stormwater	4,045.67
Stormwater Construction	14,690.55

Total of Stormwater Utility as per the claims list:	<u><u>\$18,736.22</u></u>
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<b>Total Water Utility:</b>	<u><u>\$202,065.22</u></u>
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<b>Total Wastewater Utility:</b>	<u><u>\$134,991.45</u></u>
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<b>Total Stormwater Utility:</b>	<u><u>\$18,736.22</u></u>
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<b>TOTAL WATER, WASTEWATER &amp; STORMWATER UTILITIES</b>	<u><u>\$355,792.89</u></u>
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**REGISTER OF CLAIMS**  
**City of Bloomington Utilities**  
**Water and Wastewater Department**  
**For Period: \_\_\_\_\_ thru \_\_\_\_\_.**

**Paydate : 30-MAY-2008**

Claim NBR	Name of Claimant	Total Claim Amount	Water Amount	Wastewater Amount	Stormwater Amount	Memorandum
0830426	A D S ENVIRONMENTAL SERVICES INC	7,625.00	0.00	7,625.00	0.00	MAINTENANCE FOR WW FLOW METERS, DATA COLLECTION & PROCESSING QUARTERLY REPORTS - 4/01 - 4/30/08 - ENG
0830427	ALL PHASE ELECTRIC SUPPLY CO	17.14	0.00	17.14	0.00	2 PHOTO CELLS FOR ROAD LIGHTS - BP
0830428	BIOCHEM INC	627.21	0.00	627.21	0.00	HEAVY HITTER CLEANER FOR BELT PRESS ROOM - BP
0830429	BIOCHEM INC	13,740.00	0.00	13,740.00	0.00	PRAESTOL K275 POLYMER FOR BELT PRESS - DR
0830430	BLOOMINGTON PAINT AND WALLPAPER CO	55.47	0.00	55.47	0.00	PAINT POLE FOR VAC-CON #600 - TD
0830431	BLOOMINGTON PAINT AND WALLPAPER CO	11.94	0.00	11.94	0.00	1 QRT OF PAINT FOR MAINTENANCE BUILDING - DR
0830432	BRENNTAG MID-SOUTH INC	4,263.96	0.00	4,263.96	0.00	SODIUM BISULFITE - 36940 @ .1090 DELIVERED TO DILLMAN WWTP - 5/01/08 - DR
0830433	C S X TRANSPORTATION INC	448.56	0.00	448.56	0.00	PIPELINE SEWER CROSSING - CONTRACT #CSX025900 - 4/30/08 - 4/29/09 - ENG
0830434	CINTAS FIRST AID & SAFETY	211.55	0.00	211.55	0.00	RESTOCK FIRST AID CABINET @ DILLMAN - 5/09/08 - DR
0830436	CINTAS FIRST AID & SAFETY	207.15	0.00	207.15	0.00	RESTOCK FIRST AID CABINETS @ BLUCHER POOLE - 4/23/08 - BP
0830437	ENVIRONMENTAL SERVICES GROUP LAB INC	95.00	0.00	95.00	0.00	TESTING - DIGESTOR #2 SLUDGE - 5/01/08 - DR
		170.00	0.00	170.00	0.00	TESTING - EFFLUENT COMP - 4/24 & 5/01/08 - DR
		85.00	0.00	85.00	0.00	TESTING - RAW COMP - 5/01/08 - DR
0830437 total amount		\$350.00	\$0.00	\$350.00	\$0.00	
0830438	ENVIRONMENTAL SERVICES GROUP LAB INC	2,550.00	0.00	2,550.00	0.00	TESTING - SCHULTE CORPORATION - 4/24/08 - TOTAL TOXIC ORGANICS - ENV
0830439	FASTENAL CO	94.32	0.00	94.32	0.00	(S02-4603-C) - ANCHORS FOR FIELDSTONE LIFT STATION PUMPS - LS, TD
0830440	FASTENAL CO	21.77	0.00	21.77	0.00	(S02-4603-C) - BELTS FOR PUMP FLANGE AT FIELDSTONE LIFT STATION - LS, TD
0830441	CLOVERLEAF TOOL CO	56.01	0.00	56.01	0.00	8" FLANGED END COUPLER W HOSE SHANK FOR VACTOR - TD
0830442	GENERAL CHEMICAL	3,046.49	0.00	3,046.49	0.00	ALUM - 11.947 @ 255.00 - DELIVERED TO DILLMAN WWTP - 4/24/08 - DR
0830443	H N T B CORP	346.33	0.00	346.33	0.00	(S01-4518) - DILLMAN WWTP PUMP STATION UPGRADE - CONSTRUCTION ENGINEERING - 3/29 - 4/25/08 - DR, ENG
0830444	HACH COMPANY	424.78	0.00	424.78	0.00	12 TURBIDITY STANDARDS - BP
0830445	HP PRODUCTS	1,301.22	0.00	1,301.22	0.00	2 55-GALLON DRUM OF ELIMINATOR HERBICIDE - DR

Claim NBR	Name of Claimant	Total Claim Amount	Water Amount	Wastewater Amount	Stormwater Amount	Memorandum
0830446	INDIANA OXYGEN CO	63.91	0.00	63.91	0.00	CYLINDER RENTAL - APRIL 2008 - DR
0830447	INDUSTRIAL SERVICE AND SUPPLY INC	263.64	0.00	263.64	0.00	MISC PUNCH LOCK CLAMPS, COUPLINGS, NIPPLES, CLAMP, HOSE, PIN - BP
0830448	LAWSON PRODUCTS INC	998.86	0.00	998.86	0.00	MISC PARTS & SUPPLIES FOR SOLIDS HANDLING BUILDING @ DILLMAN - DR
0830449	NAPA AUTO PARTS	147.84	0.00	147.84	0.00	DEXTRON TRANS FLUID, 20W HYD FLUID FOR EQUIPMENT - DR
0830450	REPUBLIC SERVICE OF INDIANA LP	337.98	0.00	337.98	0.00	HAULING FEE FOR TRASH DISPOSAL @ DILLMAN WWTP - 4/30/08 - DR
0830451	RICHARDS SMALL ENGINE	65.00	0.00	65.00	0.00	BLADES & ROLLERS FOR MOWERS - BP
0830452	RICHARDS SMALL ENGINE	129.24	0.00	129.24	0.00	RADIATOR FAN FOR DIXIE CHOPPER - BP
0830453	SMITHVILLE TELEPHONE CO INC	405.53	0.00	405.53	0.00	SERVICE - BLUCHER WWTP, BLUCHER FAX, BLUCHER FLOW METER, BLUCHER MODEM - 4/03 - 5/02/08 - BP
0830454	SMITHVILLE TELEPHONE CO INC	206.93	0.00	206.93	0.00	SERVICE - DILLMAN WWTP, DILLMAN FAX - 4/03 - 5/02/08 - DR
0830455	B L ANDERSON CO INC	3,356.79	0.00	3,356.79	0.00	2 SCUM SKIMMERS FOR FINAL CLARIFIER SCUM REMOVAL - BP
0830456	BEASLEY E-Z SWEEP LLC	492.77	0.00	492.77	0.00	MISC BRUSHES TO BE REPLACED ON CLARIFIERS - DR
0830457	BROPHY, EVELYN U	20.00	0.00	20.00	0.00	MEAL REIMBURSEMENT PER DIEM WHILE ATTENDING TRI-STATE PRETREATMENT CONFERENCE IN INDIANAPOLIS, IN - 4/29 - 4/30/08 - DIR
0830458	CLOVERLEAF TOOL CO	558.14	0.00	558.14	0.00	6 3/4" MALE ENDS, 4 LEADER HOSE, 4 HOSE GUIDES - TD
0830459	CONTINENTAL RESEARCH CORP	430.07	0.00	430.07	0.00	WINDOW CLEANER, MISC NUT BOLTS - BP
0830460	HD SUPPLY WATERWORKS LTD	774.07	0.00	774.07	0.00	(S02-4603-C) - 2 8" CEMENT LINED DUCTILE SPOOLS (4') - TD, PUR
0830461	HENRY P THOMPSON COMPANY	11,695.27	0.00	11,695.27	0.00	UV MODULES FULLY ASSEMBLED - BP
0830462	JACK DOHENY SUPPLIES (DEEDS EQUIPMENT)	760.71	0.00	760.71	0.00	REPAIR ON RAM JET TRUCK - TD
0830463	MIYA, SHAWN	28.00	0.00	28.00	0.00	MEAL REIMBURSEMENT PER DIEM & PARKING REIMBURSEMENT WHILE ATTENDING TRI-STATE PRETREATMENT CONFERENCE IN INDIANAPOLIS, IN 4/29 - 4/30/08 - ENV
0830464	OWENS SEPTIC SERVICE LLC	1,950.00	0.00	1,950.00	0.00	(S02-4603-C) - PUMP LIFT STATION ON KIRBY RD - 5/01 & 5/07/08 - LS, TD
0830465	PERKIN ELMER LLC	2,041.50	0.00	2,041.50	0.00	GRAPHITE TUBES USED FOR ANALYSIS - LAB
0830466	QUALITY REPAIR SERVICE INC	4,970.60	0.00	4,970.60	0.00	FABRICATION ON TWO STAINLESS STEEL SHAFTS & TWO STAINLESS STEEL HUBS USED TO REPAIR ROTARY SCREENS - DR
0830467	QUALITY REPAIR SERVICE INC	2,442.85	0.00	2,442.85	0.00	REPAIR KSB NON-PORTABLE 20 HP PUMP - BP
0830468	CORN, JAMES T	996.00	0.00	996.00	0.00	CLEANING SERVICES @ DILLMAN WWTP - MAY 2008 - DR

Claim NBR	Name of Claimant	Total Claim Amount	Water Amount	Wastewater Amount	Stormwater Amount	Memorandum
0830469	STATE OF INDIANA	60.00	0.00	60.00	0.00	WASTEWATER TREATMENT PLANT OPERATOR RENEWAL APPLICATION FOR WAYNE HENDERSON & DANNY MCCONNELL - DR
0830470	UNITED LABORATORIES INC	1,879.66	0.00	1,879.66	0.00	55-GALLON DRUM OF ZYME-OUT DEGASSING AGENT FOR ODOR CONTROL @ LIFT STATIONS - LS, TD
0830471	UTILITIES DISTRICT OF WESTERN INDIANA REMC	399.00	0.00	399.00	0.00	SERVICE - FIELDSTONE LIFT STATION - 3/25 - 4/24/08 - LS
0830472	W W GRAINGER	241.77	0.00	241.77	0.00	GREASE FEEDERS, DIGITAL STOP WATCH - DR
0830473	WHIFFEN MACHINE AND PRESS REPAIR INC	726.86	0.00	726.86	0.00	(S07-5103) - PUMP SHAFT, 10 BRASS WEAR RINGS FOR SHEFFIELD LIFT STATION - LS, TD
0830474	WHITE RIVER CO OP	7,240.00	0.00	7,240.00	0.00	2000 GALLONS OF UNLEADED FUEL TO REFILL TANKS @ DILLMAN - 5/08/08 - DR
0830475	WHITE RIVER CO OP	2,823.60	0.00	2,823.60	0.00	780 GALLONS OF OFF ROAD DIESEL FUEL TO REFILL PLANT GENERATOR & SOLIDS FUEL TANK - 4/03/08 - DR
0870043	DONOHUE AND ASSOCIATES INC	14,690.55	0.00	0.00	14,690.55	(D08-50) - JORDAN RIVER & LOWER SPANKERS STORM CULVERT RECONSTRUCTION - 3/23 - 4/19/08 - SW, ENG
0870044	ROGERS GROUP INC	127.64	0.00	0.00	127.64	ASPHALT - STORM REPAIR - 4/28/08 - SW, TD
0870045	HD SUPPLY WATERWORKS LTD	1,373.91	0.00	0.00	1,373.91	MISC RISERS - STOCK FOR STORM - SW, TD, PUR
0870046	UNITED RENTALS	148.80	0.00	0.00	148.80	2 ABRASIVE BLADES FOR CUT OFF SAW ON TRUCK #627 - SW, TD
0870047	BLEDSE RIGGERT AND GUERRETTAZ INC	1,800.00	0.00	0.00	1,800.00	(D08-51) - CONSTRUCTION STAKING - E 5TH ST SIDEWALK & DRAINAGE IMPROVEMENTS PHASE I - STORM SEWER INSTALLATION - ENG
0890687	BEAM LONGEST AND NEFF	35,980.00	35,980.00	0.00	0.00	(W08-3204) - SR 45/46 WATERLINE RELOCATION FROM N WALNUT ST TO E 2ND ST - 3/31/08 - 4/27/08 - ENG
0890690	BLANDS WRECKER SERVICE	275.00	110.00	165.00	0.00	WINCH OUT LOADED DUMP TRUCK #674 - 4/23/08 - TD
0890691	BLOOMINGTON HOSPITAL	116.00	46.40	69.60	0.00	OH HEPATITIS A & B COMBINATION VACCINE, OH ADMINISTER VACCINE / TOXOID SINGLE FOR ONE T&D EMPLOYEE - 4/14/08 - TD
0890692	BLOOMINGTON HOSPITAL	117.00	46.80	70.20	0.00	OH D/A DOT DRUG SCREEN FOR THREE T&D EMPLOYEES - 3/24 - 3/25/08 - TD
0890693	BRENNTAG MID-SOUTH INC	4,135.50	4,135.50	0.00	0.00	BRENNFLOC CP7222P POLYMER - 4400 @ .9200 DELIVERED TO MONROE WTP - 5/01/08 - MN
0890694	CARTRICHARGE C C I	147.90	59.16	88.74	0.00	REPAIR OF HP8100N CHECK PRINTER - ACCT
0890695	CINTAS CORP	765.86	216.56	549.30	0.00	UNIFORM SERVICE - APRIL 2008 - TD, ENG, PUR, MN, BP, DR
0890696	CINTAS CORP	1,450.06	440.26	1,009.80	0.00	WEEKLY SUPPLIES & MATS SERVICE FOR APRIL 2008 - LAB, MN, SC, BP, DR
0890697	CINTAS FIRST AID & SAFETY	65.45	65.45	0.00	0.00	RESTOCK FIRST AID CABINET @ MONROE - 5/09/08 - MN
0890699	CINTAS FIRST AID & SAFETY	124.65	49.86	74.79	0.00	RESTOCK FIRST AID CABINET @ SERVICE CENTER - 5/08/08 - SC
0890700	CITY OF BLOOMINGTON	22,335.28	7,969.83	14,365.45	0.00	FUEL CHARGES FOR ALL UTILITIES VEHICLES - APRIL 2008 - MN, TD, MS, DIR, SC, PUR, ENG, BP, DR

Claim NBR	Name of Claimant	Total Claim Amount	Water Amount	Wastewater Amount	Stormwater Amount	Memorandum
0890701	CITY OF BLOOMINGTON UTILITIES	3,339.85	137.71	3,202.14	0.00	WATER / WASTEWATER / STORM WATER BILLS FOR SERVICE CENTER, WASHINGTON ST, TAMARRON LS, DILLMAN WWTP, BLUCHER WWTP - 4/01 - 4/30/08 - SC, BP, DR, LS
0890702	COMMERCIAL JANITORIAL CLEANERS	4,345.00	1,738.00	2,607.00	0.00	CLEANING CHARGES FOR SERVICE CENTER - APRIL 2008 - SC
0890703	COSNER'S ICE CO	141.75	56.70	85.05	0.00	ICE - DELIVERED 4/28, 5/05 & 5/12/08 - SC
0890704	FASTENAL CO	439.41	439.41	0.00	0.00	BOLTS & THREADED STUDS - MN
0890705	GENERAL CHEMICAL	2,783.07	2,783.07	0.00	0.00	ALUM - 10.914 @ 255.00 - DELIVERED TO MONROE WTP - 4/25/08 - MN
		2,825.40	2,825.40	0.00	0.00	ALUM - 11.08 @ 255.00 - DELIVERED TO MONROE WTP - 5/07/08 - MN
0890705 total amount		\$5,608.47	\$5,608.47	\$0.00	\$0.00	
0890706	GORDON, JIM INC	90.18	90.18	0.00	0.00	BLACK TONER CARTRIDGE, TRI COLOR TONER CARTRIDGE FOR COLOR PRINTER LOCATED IN OPERATOR WORK STATION - MN
0890707	HACH COMPANY	336.80	336.80	0.00	0.00	6 FREE CHLORINE REAGENT KITS, 4 REAGENT FOR FLUORIDE - MN
0890708	HERALD TIMES INC	58.46	23.38	35.08	0.00	ADVERTISING FOR YARD CREW - TD
0890709	HOLT EQUIPMENT CO LLC	733.64	293.46	440.18	0.00	SERVICE CALL FOR VEHICLE #807 - TD
0890710	HP PRODUCTS	538.24	215.30	322.94	0.00	1 CS PERFECT TOUCH CUPS, 1 CS TOILET TISSUE, 3 CS ACCUWIPES, 4 CS C-FOLD TOWELS, 1 CS BLACK CAN LINERS - SC
0890711	IEI FINANCIAL SERVICES LLC	277.97	111.19	166.78	0.00	COLLECTION AGENCY FEE - COLLECTION OF DEBIT ON OLD ACCOUNTS - 4/16 - 4/30/08 - AR
0890712	INDIANA OXYGEN CO	46.10	46.10	0.00	0.00	ARGON, CROWN #7 ROD FOR TREATMENT EQUIPMENT - MN
0890713	INDIANA OXYGEN CO	31.70	12.68	19.02	0.00	OXYGEN & ACETYLENE - TD
0890714	IRVING MATERIALS INC	1,639.13	1,063.88	0.00	575.25	CONCRETE - METER, STORM, MAIN BREAK, WATER LINE - 4/25 - 5/09/08 - SW, TD
0890715	IRVING MATERIALS INC	3,325.00	3,136.00	189.00	0.00	(W06-3006, S08-5200) - 4/29 - 5/09/08 - TD
0890716	JONES CHEMICALS INC	3,183.95	3,183.95	0.00	0.00	SODIUM HYPOCHLORITE - 4,555 @ .6990 - DELIVERED TO MONROE WTP - 5/06/08 - MN
0890717	KOORSEN PROTECTION SERVICE INC	72.00	28.80	43.20	0.00	QUARTERLY BILLING FOR ALARM MONITORING @ WASHINGTON ST STORAGE - 6/01/08 - 8/31/08 - SC
0890718	KLEINDORFER HARDWARE	1,204.94	135.15	1,049.72	20.07	MISC PARTS & SUPPLIES - 3/26 - 4/23/08 - TD, MS, SW, BP, DR, LS
0890719	MONROE COUNTY SOLID WASTE MANAGEMENT DISTRICT	16.56	16.56	0.00	0.00	DISPOSAL FEE FOR FLUORESCENT LAMPS - MN
0890720	PORTER, LYNDA	200.00	200.00	0.00	0.00	REFUND (2) HYDRANT METER DEPOSITS PAID 4/18/08 - RECEIPT #1051 - AR
0890721	RICHARDS SMALL ENGINE	739.00	295.60	443.40	0.00	2 WEED EATERS, 1 LEAF BLOWER - TD
0890722	SMITHVILLE TELEPHONE CO INC	75.92	75.92	0.00	0.00	(W06-3002) - SERVICE - P SODERQUIST - BLACK & VEATCH @ MONROE - 4/03 - 5/02/08 - MN, ENG

Claim NBR	Name of Claimant	Total Claim Amount	Water Amount	Wastewater Amount	Stormwater Amount	Memorandum
0890723	SMITHVILLE TELEPHONE CO INC	389.84	389.84	0.00	0.00	SERVICE - MONROE WTP, MONROE FAX, MONROE INTAKE, MONROE DSL CONNECTION, MONROE MODEM - 4/03 - 5/02/08 - MN
0890724	FISHER SCIENTIFIC PRODUCTS	1,862.81	1,336.48	526.33	0.00	MISC PIPETS, SAFETY GLOVES, PETRI DISHES - LAB, DR
0890725	COLUMBUS INDUSTRIAL ELECTRIC INC	423.03	423.03	0.00	0.00	REPLACEMENT MOTORS ON #4 LOW SERVICE PUMP - MN
0890726	CURRY BUICK CADILLAC PONTIAC GMC TRUCK	1,351.44	540.58	810.86	0.00	REPAIR METER VEHICLE #691 DAMAGED ON 1/17/08 - MS, TD
0890727	DUKE ENERGY	3,770.00	1,726.82	2,043.18	0.00	SERVICE - EAST TANK, SOUTH TANK, KNIGHTRIDGE BS, PARK RIDGE LS, PLYMOUTH LS, WASHINGTON LS, 17TH ST BS, SHEFFIELD LS, WEYMOUTH LS, WAYNES LANE TANK - 3/12 - 5/07/08 - BS, TD, LS
0890728	ECO LOGIC LLC	810.00	810.00	0.00	0.00	2008 MAINTENANCE OF RAIN GARDEN PLANTING - (LABOR & MATERIALS) - MN
0890729	EVERETT J PRESCOTT INC	11,625.42	4,650.17	6,975.25	0.00	(WS07-12304) - MISC BATTERIES, 6 3" HYDRANT METERS WITH STAINLESS STRAINER, GATE VALVE, TECHNO-CHECK - STOCK & PROJECT #W07-12304WS - TD
0890730	EVERETT J PRESCOTT INC	11,793.95	11,793.95	0.00	0.00	(W08-3205) - 24"X8" MJ CROSS, MJ BUTTERFLY VALVE, 2 24" MJ PLUGS, 6 24" PIPE RESTRAINTS, 24" RESTRAINT HARNESS, 20 LONG VALVE BOX - PROJECT #W08-3205 & INVENTORY
0890731	HARRELL FISH MECHANICAL INC	520.00	520.00	0.00	0.00	SEMI-ANNUAL INSPECTION OF (8) BACKFLOW DEVICES - MN
0890732	INDIANA UNDERGROUND PLANT PROTECTION	1,574.10	629.64	944.46	0.00	1,749 QUARTERLY PER TICKET FEE - 1/01/08 - 3/31/08 - TD
0890733	INSITUFORM TECHNOLOGIES INC	650.00	650.00	0.00	0.00	REFUND HYDRANT METER DEPOSIT PAID 2/18/08 - RECEIPT #1041 - AR
0890734	MOHAWK LTD	2,386.55	954.62	1,431.93	0.00	LINE LOCATOR FOR TRUCK #601 - TD
0890735	NORTHERN SAFETY CO INC	476.14	190.46	285.68	0.00	40 MSA V-GUARD HARD HATS - TD, PUR
0890736	A T AND T	385.77	176.43	209.34	0.00	SERVICE - GRIFFY HIGH LEVEL, UTILITIES, MANHOLE TO TOWER FLOW METER - 5/01 - 6/06/08 - GR, SC, ENG
0890737	BLACK LUMBER CO INC	213.11	73.82	139.29	0.00	MISC PARTS & SUPPLIES - 4/25 - 5/07/08 - TD, DR, LS
0890738	SOUTHSIDE RENTAL CENTER INC	200.70	200.70	0.00	0.00	(W06-3006) - RENTAL OF TILLER FOR YARD WORK ON NEW WATER LINE INSTALLATION @ ANITA DR - 4/21 - 4/25/08 - TD
0890739	SENSUS METERING SYSTEMS	352.00	140.80	211.20	0.00	REPAIR HANDHELD #1 & #4 - MS, TD
0890740	SNEDEGAR CONSTRUCTION	1,212.00	484.80	727.20	0.00	PUSH OFF LANDFILL @ WINSTON THOMAS (TOTAL COST WAS SPLIT WITH STREET DEPARTMENT) - 5/13/08 - TD
0890741	STATE OF INDIANA	15,269.10	15,269.10	0.00	0.00	WATER USAGE - 4/01 - 4/30/08 - MN
0890742	MAXWELLS OFFICE SUPPLY	475.14	218.15	256.99	0.00	MISC OFFICE SUPPLIES - 4/25 - 5/09/08 - SC, ACCT, AR, MN
0890743	UNITED RENTALS	105.00	42.00	63.00	0.00	1BOX OF ABRASIVE SAW BLADES FOR TRUCK #615 - TD
0890744	UTILITY SUPPLY	1,030.00	412.00	618.00	0.00	FISHER METAL DETECTORS FOR STOCK & TRUCK #601 - TD

Claim NBR	Name of Claimant	Total Claim Amount	Water Amount	Wastewater Amount	Stormwater Amount	Memorandum
0890745	UTILITY SUPPLY	468.78	468.78	0.00	0.00	6 MJ 45 BENDS 6" - INVENTORY
0890746	UTILITY SUPPLY	273.50	273.50	0.00	0.00	10 20"X24" WHITE METER PITS - INVENTORY
0890747	UTILITY SUPPLY	1,867.02	746.81	1,120.21	0.00	10 D-HANDLE SPADES, 6 PITCHFORKS, 10 LONG HAND SHOVELS SQUARE POINT, 10 LONG HAND SHOVELS ROUND POINT, 6 RAKES, 4 POST HOLE DIGGERS, 10 SHOVELS WITH HOLES - STOCK - TD, PUR
0890748	VECTREN	7,131.07	2,983.51	4,147.56	0.00	SERVICE - BLUCHER WWTP, MONROE WTP, SERVICE CENTER, 3RD ST STORAGE, S CENTRAL BOOSTER, S WASHINGTON ST STORAGE - 3/26 - 5/12/08 - SC, MN, BS, BP
0890749	VEOLIA ENVIRONMENTAL SPECIAL SERVICES INC	5,525.92	5,525.92	0.00	0.00	INSPECT & REPAIR #1 TRAVELING WATER SCREEN @ INTAKE TOWER - MN
0890750	WATER WORKS SUPPLIES	10,265.30	10,265.30	0.00	0.00	MISC PLASTIC REDUCERS, MISC BENDS, PLASTIC WYES, SEWER TEE WYES - INVENTORY
0890751	WILLIAM HANNA TRUCKING INC	825.88	825.88	0.00	0.00	(W08-3200) - #11 & #53 STONE - 4/23/08 - TD
0890752	WHITE RIVER CO OP	99.00	99.00	0.00	0.00	50# GRASS SEED - MN
0890753	DUKE ENERGY	74,188.41	70,370.57	3,817.84	0.00	SERVICE - MISC LIFT STATIONS, MISC BOOSTER STATIONS, GRIFFY, SERVICE CENTER, MISC TANKS, WINSTON THOMAS, MONROE PLANT, MONROE INTAKE - MARCH - APRIL 2008 - SC, MN, GR, TD, BS, LS, ENV
0890755	KERR ENVIRONMENTAL SERVICES INC	6,268.75	2,507.50	3,761.25	0.00	50% OF SITE INVESTIGATION FEES - PHASE 2 FOR SERVICE CENTER FUEL TANKS - (50% WILL BE PAID BY FLEET MAINTENANCE) - SC
<b>Total Claims Amount -</b>		<b>\$355,792.89</b>	<b>\$202,065.22</b>	<b>\$134,991.45</b>	<b>\$18,736.22</b>	



## **DEPARTMENTS**

ACCT	=	Accounting
BP	=	Blucher Poole WWTP
BS	=	Booster Station
COMM	=	Communications
CR	=	Customer Relations
DIR	=	Directors Office
DR	=	Dillman WWTP
ENG	=	Engineering
ES	=	Environmental Services
GR	=	Griffy WTP
LAB	=	Laboratory
LL	=	Lake Lemon
LS	=	Lift Station
MN	=	Monroe WTP
MS	=	Meter Service
PUR	=	Purchasing
SC	=	Service Center or (USB)
SW	=	Stormwater
TD	=	Transmission & Distribution
WT	=	Winston Thomas

WIRE TRANSFERS & FEES  
FOR THE MONTH OF APRIL, 2008

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GRAND TOTAL OF ALL AUTO-PAY & TRANSFERS ON THIS REGISTER

\$633,198.47

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Allowance of Wire Transfers & Fees - We have examined the  
Wire Transfers & Fees listed on the forgoing Register,  
consisting of \_\_\_\_\_ pages, and except for  
Wire Transfers & Fees not allowed as shown on the Register such  
Wire Transfers & Fees are hereby allowed in the total amount of

\$633,198.47

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2008

_____	_____
_____	_____
_____	_____
_____	_____

Signature of Governing Board

**WIRE TRANSFERS & FEES FOR THE MONTH OF APRIL, 2008**

CITY OF BLOOMINGTON UTILITIES PAYROLL FUND	4/11/2008	283,679.70
CITY OF BLOOMINGTON UTILITIES PAYROLL FUND	4/25/2008	281,041.40
INDIANA DEPARTMENT OF REVENUE (SALES TAX - MARCH, 2008)		33,345.82
INDIANA DEPARTMENT OF REVENUE - RECEIPTS TAX 1ST QUARTER UTILITY RECEIPTS TAX		29,059.40
LYNN POLLACK - RUSSELL RD.		880.92
MICHAEL FITZGERALD - RUSSELL RD.		880.93
NPC CHARGE CARD FEES - MARCH, 2008		2,154.37
IRWIN UNION BANK ACCOUNT ANALYSIS FEES - MARCH, 2008		2,155.93
	<b><u>TOTAL</u></b>	<b><u>633,198.47</u></b>



CITY OF BLOOMINGTON  
UTILITIES ENGINEERING DEPARTMENT

MEMORANDUM

May 20, 2008

**City of Bloomington Utilities  
Board Room Audio Video Equipment Purchase and Installation**

To: Utilities Service Board Members  
City of Bloomington Utilities

From: Mike Hicks

Please consider for approval the attached proposal for audio-video equipment installation in the Utilities Service Board Room. I have worked in hand with Rick Routon of the Information Technology Services Department for the solicitation and review of proposals. Rick Routon has been involved in the procurement and installation of audio video equipment for the City Hall Council Chambers and meeting rooms. In addition, Rick has been involved in similar projects with the Police Department, Fire Departments, and Parks Department.

Throughout the design process we have included Martin O'Neill, Production Manager of Community Access Television Services (CATS) and Lee Jones, CBU Administrative Assistant. With the proposed design, the CATS production staff and the CBU Administrative staff will no longer be required to set-up and tear down equipment and cabling for each public, recorded event.

Two proposals were received and it is our opinion that the lowest cost quotation of \$70,176.71 by ProAudio is acceptable. The second proposal was by CIM Audio Visual for the amount of \$93,800.00.

The project includes:

- Two ceiling mounted data projectors – one for each existing projection screen. The projectors will have several inputs including computer, DVD, VCR, Document Camera, Cable Television, and internal cameras. Note that the screen presently located at the north wall (to the left of most seated board members) will be relocated to the east wall
- Three high definition video cameras – inputting to the projectors, the CATS recording equipment, or live feed equipment
- Audio system – consisting of wireless microphones for each board member, lectern, and audience; ceiling mounted speakers; and digital recording system
- Control system – a customized, programmed control system will provide control to the entire system

Please contact me if you have any questions or need further information. Thank you.

# Proaudio by Brand

Lafayette, IN

765-449-0888 fax 765-449-0878

## A/V Boardroom System for the City of Bloomington, Utilities Department

April 7, 2008

Package  
Price

### Video Equipment

2) Sanyo PLC XT-25 Projector with 4500 Lumens, high contrast ratio, Commercial Chassis, easy filter and lamp maintenance, Network capable for monitoring of performance, lamp life 3 Year Warranty	\$ 7,436.00
2) Furman AC-215 Power Filter/Spike and Surge protection for projectors	\$ 330.00
Peerless PRS-UNV Mount with Ceiling plate and trim	\$ 604.00
3) High Definition Ceiling Mount camera systems with Pan, Tilt, Zoom - Joystick control station at CATS Table, Sony HD-1 Camera	\$ 16,722.00
Cables for above system	\$ 186.00
Video Distribution for cameras - 1 in 3 out component video	\$ 626.00
Kramer Video Scaler Switcher for projectors, with HD, DVI and standard video inputs, switches cameras, VGA, video sources to each projector	\$ 3,984.00
LG VCR/DVD Combo with Tuner	\$ 176.00
Elmo P10 Document camera, with Light and USB Output	\$ 1,816.00
Video to Cat5e extender for Document Camera	\$ 177.00
2) VGA to Cat5e Balun system to allow laptop on podium or conference table	\$ 460.00
3) Component Video Balun to send cameras to the CATS Table	\$ 484.00

### Audio System

Revo-Labs Wireless Mic System with 12 Microphones and Two-Way communication (eliminates need for monitors) Provides clean, wireless micing with very low feedback issues	\$ 9,184.71
TOA A9000 240 watt Amplifier with DSP	\$ 957.00
TOA input and output modules for above	\$ 726.00

A/T Hanging Mic for audience	\$ 207.00
A/T Podium Mic for Lectern	\$ 235.00
DBX Dual Channel Feedback Reducer	\$ 586.00
6)TOA F 2582C2 Ceiling spkr, 180 Watts with can and rails	\$ 792.00
Marantz Digital Recording Station with remote operation and USB	\$ 943.00

### **Control System**

Complete AMX 10" touch panel control system for lectern, with one button macros for easy operation. Also includes remote control unit for dictation area, to operate dictating recorder.	\$ 8,147.00
Small Remote control for (Lee) Digital dictating recorder/player includes small wireless remote panel for tabletop	\$ 2,125.00
Cables and connectors for control system	\$ 233.00
Programming of control system including custom displays, all functions needed	\$ 2,900.00

### **Cabinet,Wire, Cables, Supplies**

Middle Atlantic Floor rack with locking, vented front door	\$ 728.00
2)ETA PD8 Power Strip for equipment protection, RF Filter	\$ 120.00
1)10 circuit power outlet for rack	\$ 93.00
Speaker Wire	\$ 91.00
Audio Cable for feed to CATS	\$ 48.00
Cat 5e patch cables	\$ 282.00
Audio and Video Cables	\$ 378.00
VGA Cables to Projectors	\$ 288.00
VGA Cables from projectors to CATS	\$ 288.00
Custom Wall plate for CATS with 3)Component Video, 2)VGA, 2)RJ-45 for baluns, Audio feed	\$ 221.00
Connectors, supplies, hardware	\$ 78.00
Move screen from existing location to back wall of room, includes electrical work and new wall switch location	\$ 765.00
Labor to Install above system, including all low voltage wiring Test all components, adjust and tune audio system Provide training for operators	\$ 6,760.00
<b>Total</b>	<b>\$ 70,176.71</b>

This system will provide a variety of video inputs to two projectors. These will include, but not be limited to, 2)Computer VGA outputs, DVD/VCR, Document Camera, Cable TV, 3)internal HD Cameras, and an extra video input. These will all be individually routed to each projector and controlled by the touch panel on the lectern.

The audio system consists of a wireless solution for all board members, a lectern mic and an audience mic. These will be attached to an automated mic mixer that controls all wireless mics. The other audio sources will go into the amplified mixer and be distributed to both the speakers and the digital recording system. A feed of the main mix and the microphone mixer output will be provided to the CATS Table.

The three High Definition Video cameras will also be available to the projectors and the CATS Table. There will be a custom plate at the CATS table to provide the video feeds.

A 10" touch panel will be provided to control the entire system, with custom interfaces incorporating simple, automated functions. There will also be a remote control for the dictation operator that is wireless.

Further system description available on request.

Note: price reductions can be done by changing to non-HD cameras, Wired microphones on the table, and less sophisticated switching and controls

Customer provides all AC Power and conduit needed, suitable mounting surfaces, adequate ventilation for rack, access to all areas, passes and permits. Wire accessibility is to be provided for all floor plates and wall runs.

Proaudio by Brand warrants the labor and materials we provide for one year from date of installation. All additions or changes must have a signed change order before work can proceed. Please return your signed quote by fax for us to place you in our work schedule.

Pricing good for 30 days, unless otherwise noted.

Thank you for considering PROAUDIO by Brand. Please give me a call to discuss any questions.

Sincerely,

Accepted by,

---

Richard Tappenden

---

Signature

---

Date

**AMENDMENT C  
TO  
ENGINEERING SERVICES AGREEMENT  
FOR  
CITY OF BLOOMINGTON UTILITIES  
BLUCHER POOLE WASTEWATER TREATMENT PLANT  
IMPROVEMENTS**

This Amendment C is made between the City of Bloomington Utilities Department through its Utilities Service Board (hereinafter referred to as "Board" or "Owner") and Black & Veatch Corporation (hereinafter referred to as "Engineer").

WHEREAS, on September 22, 2003, the parties entered into an Engineering Services Agreement and on April 18, 2005, the parties executed Amendment A for the furnishing of professional services by Engineer regarding the City of Bloomington Utilities, Blucher Poole Wastewater Treatment Plant Improvements.

WHEREAS, on May 22, 2006, the parties executed Amendment B for Phase 5 Construction Phase Engineering Services, Phase 6 Resident Engineering Services, Phase 7 Control System Configuration and Startup Services and Phase 8 Operation Optimization and Training Services for the Blucher Poole Wastewater Treatment Plant Improvements.

This Amendment C incorporates the Scope of Services and Compensation related to additional construction phase engineering services and resident engineering services.

**SCOPE OF SERVICES**

The Services to be performed by the Engineer shall include the following:

**Additional Engineering Services**

Perform additional construction phase engineering and resident engineering services during construction. The additional engineering services include services related to the September 11, 2006 crane accident including additional effort to evaluate damages and repairs made to Primary Clarifier No. 2 as a result of the accident. The additional resident engineering services relate to overtime work requested by the Contractor.



## **SUPPLEMENTAL SERVICES**

Any Work requested by Owner which is not included in the Scope as described herein will be considered a Supplemental Service to this Amendment and may be added to the Scope upon mutual agreement to an increase in the maximum billing limit.

Supplemental Services shall include, but are not limited to:

- A. Any additional meetings with the Owner and any meetings with local, State, or Federal agencies or utilities, or other affected parties to discuss the project, other than those specifically noted.
- B. Any appearances at any public hearings or before special boards, other than those listed.
- C. Special consultants or independent professional associates requested or authorized by Owner.
- D. Any start-up services including facility operation and maintenance manual (in addition to the equipment operation and maintenance manuals provided by the Contractor), and operator training.
- E. Providing a vehicle or cellular phone for the Resident Engineer.
- F. Preparation for litigation, arbitration, or other legal or administrative proceedings; and appearances in court or at arbitration sessions in connection with the project.
- G. Provision, through a subcontract, of photographs or videotapes of the site's topographic and infrastructure features.
- H. An environmental assessment report and/or environmental impact statement as requested by Owner or required by review agencies.
- I. Provision, through a subcontract, of any special reports or studies on materials and equipment requested by Owner.
- J. Monitoring site or adjacent sites for air quality and/or noise.
- K. Provisions to prepare or conduct confined space evaluation or permits.
- L. Providing written procedures, training, physical assessment, or any other Health and Safety provisions that may be required in the event hazardous materials are encountered.
- M. Development of hazardous waste treatment, mitigation or reduction systems for handling hazardous materials found or generated on the project.
- N. Architectural renderings of the proposed facilities.

## COMPENSATION

For engineering services described in the Amendment C Scope of Services, the Owner agrees to pay Engineer in accordance with Exhibit B, Schedule of Compensation indicated in the Agreement. The maximum billing limit for Amendment C shall not exceed \$14,497, including salary and reimbursable expenses, without further written authorization. With the approval of Amendment C, the total compensation for the Contract shall be increased from \$1,964,330 to \$1,978,827.

<b><u>Fee Estimate Breakdown</u></b>	
<b><u>Amendment C</u></b>	<b><u>Fee Estimate</u></b>
Additional Construction Phase Engineering Services	\$13,419
Resident Engineering Overtime	\$1,078
<b>Total Amendment C</b>	<b>\$14,497</b>

## OTHER MATTERS

All provisions of the Contract not specifically modified herein shall remain in effect.

IN WITNESS WHEREOF, the parties have executed this Amendment C on this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

### **Owner**

City of Bloomington Utilities Department  
Utilities Service Board

By: \_\_\_\_\_  
L. Thomas Swafford  
President

### **Engineer**

Black & Veatch Corporation

By: *Helen D. Bennett*  
Helen Bennett  
Vice President

Attest: \_\_\_\_\_  
Patrick Murphy  
Director of Utilities

CITY OF BLOOMINGTON UTILITIES  
BLUCHER POOLE WASTEWATER TREATMENT PLANT IMPROVEMENTS

Contract Change Order No. 2

B&V Project No. 136395.500

Date: May 7, 2008

SCOPE:

This Change Order No. 2 provides for modifications to City of Bloomington Utilities Contract with Bowen Engineering Corporation, as follows:

Item No. 1: Additional cost for Blower Structure No. 1 piping modifications.

Description: Replacement of additional air piping consisting of the entire Blower Structure No. 1 discharge header between Aeration Basins No. 1 and No. 2. This change is in reference to the Contractor's March 28, 2007 Quotation No. 013, Revision 1 and Black & Veatch's April 3, 2007 response memorandum.

Reason: Due to the existing piping misalignment and localized deterioration of the pipe, the Contractor requested to remove and replace the entire section of pipe to aid in installation of the new aeration valves and flowmeters.

Justification: Contractor request.

Item No. 2: Additional cost for Influent Lift Station Blower piping replacement.

Description: Replacement of existing air piping at the Influent Lift Station wetwell. Provide a permanent installation of the two 4 inch steel pipe branches and new supports in place of the existing PVC pipe. This change is in reference to Black & Veatch's March 9, 2007 RFP #5, the Contractor's April 6, 2007 Quotation No. 016 and Black & Veatch's April 12, 2007 response memorandum.

Reason: One branch of the existing PVC pipe was removed by the Owner due to problems with it falling into the wetwell and capped with a blind flange. New piping was required to continuously provide effective mixing and to keep solids suspended in the Influent Lift Station wetwell.

Justification: Owner request.

Item No. 3: SCADA modifications at the Chlorine Building and Effluent Chamber.

Description: Modifying and connecting the controls for the chlorine detector and sulfur dioxide detector in the Chlorine Building to provide alarms to the new Plant Supervisory Control and Data Acquisition (SCADA) system. Providing and mounting a new ultrasonic level sensor and transmitter at the Plant effluent chamber. Additional work includes providing conduits and wire to connect the instruments. This change is in reference to Black & Veatch's March 14, 2007

Request For Proposal No. 6; the Contractor's May 1, 2007 PCO-19 and May 21, 2007 PCO-19, Rev 1; and Black & Veatch's May 18, 2007 and June 5, 2007 response memoranda.

Reason: During SCADA system configuration design, the Owner requested to connect the chlorine detector and sulfur dioxide detector in the Chlorine Building to SCADA system for safety considerations. The existing ultrasonic level sensor and transmitter at the Plant effluent chamber was previously relocated to an alternative location at the Plant by the Owner. It was requested during the configuration design that a new level sensor and transmitter be provided by the Contractor.

Justification: Owner request.

Item No. 4: Additional cost for replacing additional air piping for primary sludge pumps.

Description: Replacement of additional air piping for the primary sludge air diaphragm pumps in the Sludge Pump Station. This change is in reference to the Contractor's July 3, 2007 Quotation No. 022 and Black & Veatch's August 10, 2007 response memorandum.

Reason: Owner request to replace additional piping.

Justification: Site condition and Contractor and Owner agreement.

Item No. 5: Additional cost for the Primary Splitter Box 30 inch reinforced concrete pipe repair.

Description: Repair of approximately 2 inch wide crack in the 30 inch reinforced concrete pipe from Primary Clarifier No. 2 to the Primary Splitter Box. This change is in reference to the Contractor's July 3, 2007 Quotation No. 023 and Black & Veatch's August 10, 2007 response memorandum.

Reason: While excavating for the 6 inch ductile iron pipe from the Sludge Pump Station to the Primary Splitter Box, the Contractor uncovered the 30 inch reinforced concrete pipe from Primary Clarifier No. 2 and discovered a 2 inch wide crack in the pipe that flooded the excavation. Emergency repair was required.

Justification: Site condition and Contractor and Owner agreement.

Item No. 6: Cost for an additional circuit for the Administration Building UPS.

Description: Installation of an additional 240 volt circuit to power the Uninterruptible Power Supply (UPS) in the Administration Building Server Room. This change is in reference to Black & Veatch's June 26, 2007 Request For Proposal No. 9; the Contractor's August 8, 2007 Quotation #27-Revision 1; and Black & Veatch's August 13, 2007 response.

Reason: During SCADA system configuration design, the Owner requested that a second iFix server be added for backup; that the UPS also provide backup power for the Plant telephone system, office server and network equipment; and that the UPS have additional spare capacity for future equipment. The additional equipment and spare capacity required a 10 kVA UPS in lieu of the original designed 5 kVA UPS and additional circuit per the description above.

Justification: Owner request.

Item No. 7: Adjustment for the project allowances.

Description: Based on the actual cost incurred for the allowances, the Contract Price is being adjusted.

Reason: Section 01015 requires the Contractor to include allowances for certain materials, equipment, and portions of the work in the Contract Price. Allowances include the stone veneer allowance of \$10.00 per square foot and the Contractor's assumed 4,776 square feet totaling \$47,759; a \$7,500 allowance for office equipment and office supplies for the Resident Project Representative; a \$150,000 Owner's miscellaneous allowance for items, equipment or work as determined by the Owner; and a \$120,000 allowance for Plant Automation and SCADA equipment. Therefore, the total allowance amount for the project was \$325,259.

The actual cost of limestone used on the project was \$8.40 per square foot with 4,614 square feet totaling \$38,755. The actual cost of equipment purchased under the Resident Project Representative Allowance for the project was \$4,039.00. The actual cost of equipment and work purchased under the Owner's Miscellaneous Allowance for the project was \$147,714. The actual cost of Plant Automation and SCADA equipment purchased for the project was \$118,168. The total cost of materials, equipment, and portions of work selected for the project under the allowances was \$308,676. Therefore, the Contract Price is adjusted by a decrease of \$16,583.

Justification: Specification Section 01015 requirement.

Item No. 8: Additional Construction Phase Engineering Services.

Description: Additional engineering costs incurred by the Owner relating to the September 11, 2006 crane accident including additional effort to evaluate damages and repairs made to Primary Clarifier No. 2 as a result of the accident.

Reason: See above.

Justification: Contractor and Owner agreement.

Item No. 9: Resident Engineering Overtime.

Description: Additional resident engineering services relating to overtime work requested by the contractor.

Reason: Per Article SC-6.02.E of the Supplementary Conditions, the Contractor shall pay the overtime salary and expenses for the Owner's Resident Project Representative responsible for inspection of the Work performed during the Contractor's requested overtime hours.

Justification: See above.

Contract Change Order No. 2

B&V Project No. 136395

May 7, 2008

Name of Project: BLUCHER POOLE WASTEWATER TREATMENT PLANT  
IMPROVEMENTS

Contractor: BOWEN ENGINEERING CORPORATION.

10315 ALLISONVILLE ROAD

FISHERS, IN 46038

Changes are hereby made to the Contract Price as follows:

<u>Item</u>	<u>Description of Change</u>	<u>Decrease</u>	<u>Increase</u>
No. 1	Additional cost for Blower Structure No. 1 piping modifications		\$13,200.00
No. 2	Additional cost for Influent Lift Station Blower piping replacement		\$3,760.00
No. 3	SCADA modifications at the Chlorine Building and Effluent Chamber		\$10,090.00
No. 4	Additional cost for replacing additional air piping for the primary sludge pumps		\$1,590.00
No. 5	Additional cost for the Primary Splitter Box 30 inch reinforced concrete pipe repair		\$7,590.00
No. 6	Cost for additional circuit for Administration Building UPS		\$7,740.00
No. 7	Adjustment for the project allowances	(\$16,581.00)	
No. 8	Additional Construction Phase Engineering Services	(\$13,419.00)	
No. 9	Resident Engineering Overtime	(\$1,078.00)	
Total Increase			\$43,970.00

Total Decrease (\$31,078.00)

Net Increase \$12,892.00

The sum of \$12,892.00 is hereby added to the current total Contract Price of \$6,308,190.00.

Therefore, with the approval of this Change Order No. 2, the adjusted Contract Price is \$6,321,082.00.

Change Order Summary

Original Contract price	\$6,253,000.00
Change Order No. 1	\$55,190.00
Change Order No. 2	<u>\$12,892.00</u>
Current Total Contract Price	\$6,321,082.00
Substantial Completion Date	October 6, 2007
Final Completion Date	November 5, 2007

This document shall become an amendment to the Contract. All other provisions of the Contract will remain in effect.

ACCEPTED BY: X

\_\_\_\_\_  
(Contractor) (Date)

for: BOWEN ENGINEERING CORPORATION.

10315 Allisonville Road

Fishers, IN 46038

APPROVED BY: X

\_\_\_\_\_  
(Owner) (Date)

for: CITY OF BLOOMINGTON UTILITIES

600 East Miller Drive

Bloomington, IN 47401